BRUHAT BANGALORE MAHANAGARA PALIKE

Asst.Executive Engineer,
Shettyhalli Sub Division,

Name of Work :- Providing CC Camera At Santhosh nagara, Prashanth Nagara, Kalyan Nagara pipeline and other area block spots in Mallasandra ward no.13 Shettyhalli Sub Division.

Est Cost: 25.00 Lakhs

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work :- Providing CC Camera at Santhosh Nagara,Prashanth Nagara, Kalyan Nagara pipeline and other area block spots in Mallasandra ward no.13 Shettyhalli Sub Division.

						Estimated Cost Rs.25.00 Lakhs.			
Sl No	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Quantity	Rate	Unit	Amount
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19								
	For Pole	11	0.60	0.60	1.00	3.96			
						3.96	**211.79**	**Cum**	**838.68**
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 I.No-4.20 of KPWD S.R 2018-19(page.no.12,Item 4.2)								
	For Pole	11	0.60	0.60	0.15	0.59			
						0.59	**5505.64**	**Cum**	**3270.35**
3	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2018-19)								
	same as per Qty No.1					3.96			
						3.96	**213.06**	**Cum**	**843.72**
4	4.0 Mega Pixel high definition upto 60Mtr IR Night Vision CCTV Camera-EXIR with SD Card Provision (Data Rate Approved)								
		33				33.00			
					Total	**33.00**	**16247.00**	**No's**	**536151.00**

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Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
5	Supplying Pole for PTZ Erection woth Civil Work Engineer in Charge of work (Data Rate Approved)								
		11				11.00			
					Total	**11.00**	**17175.00**	**Each**	**188925.00**
6	Supplying Of 6U Rack with SS Lock & Key (Data Ra/te Approved)								
		11				11.00			
					Total	**11.00**	**5400.00**	**No's**	**59400.00**
7	Junction Metal Box (Data Rate Approved)								
		11				11.00			
					Total	**11.00**	**450.00**	**No's**	**4950.00**
8	5 Port Switch (Data Rate Approved)								
		11				11.00			
					Total	**11.00**	**575.00**	**No's**	**6325.00**
9	HDMI Splitter or Auto Video Switch Output (Data Rate Approved)								
		11				11.00			
					Total	**11.00**	**2905.00**	**No's**	**31955.00**
10	Power Adopter (Data Rate Approved)								
		11				11.00			
					Total	**11.00**	**290.00**	**No's**	**3190.00**
1	Supply and Installation/Fixing/Provision of Outdoor type Thermoplastic Modular Panel Enclosure with Transparent Polycarbonate Lid Shock Proof IP65 (weather Proof) Rust proof Dust Proof, water proof Corrosion proof having internally embedded gasket on both lid and flap suitable to fix singale phase/ Three Phase Energy Meter in suitable base plate and having a provision for fuse/MCB Cutout along with complete tamper proof SEALING facility 600mm X 600mm X 170MM (page No.50 Item No.6.42.4) (Electrical SR 2014-15)								
		1				1.00			
					Total	**1.00**	**13728.00**	**Each**	**13728.00**
2	UPS 2Hours Backup								
		12				12.00			

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Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
					Total	**12.00**	**8704.00**	**No's**	**104448.00**
13	Battery 2 Hours Backup								
		1				1.00			
					Total	**1.00**	**10776.00**	**No's**	**10776.00**
14	Supplying of 32 Channel NVR (NVR defulat without HDD) with 2SATA H264 Compression Engineer in Charge of work (Data Rate Approved)								
		1				1.00			
					Total	**1.00**	**38000.00**	**No's**	**38000.00**
15	Supplying of 4 TB Harddisk-seagate Engineer in Charge of work (Data Rate Approved)								
		4				4.00			
					Total	**4.00**	**13000.00**	**No's**	**52000.00**
16	Supplying of 4+4 POE switch TP link Engineer in Charge of work (Date Rate Approved)								
		11				11.00			
					Total	**11.00**	**7174.00**	**No's**	**78914.00**
17	Suuplying of 4 Pin Spike Pin Cana/reputed Engineer in Charge of work (Date Rate Approved)								
		22				22.00			
					Total	**22.00**	**1145.00**	**Each**	**25190.00**
18	Outdoor Supportable CAD6/CAD5 Cable /Power Cable FRLS (Data Rate Approved)								
		11	176.00			1936.00			
					Total	**1936.00**	**140.00**	**Permtr**	**271040.00**
9	Outdoor Supportable CAD6/CAD5 Cable /Power Cable Cabling,Laying Charges								
		11	176.00			1936.00			
					Total	**1936.00**	**140.00**	**Permtr**	**271040.00**

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Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
20	HDMI Patch cable for connectivity Engineer in Charge of work (Data Rate Approved)								
		33				33.00			
					Total	**33.00**	**550.00**	**No's**	**18150.00**
21	Supplying Of 12V/2.5A Adopter (Data Rate Approved)								
		33				33.00			
					Total	**33.00**	**285.00**	**No's**	**9405.00**
22	Circuit Breaker For CC TV Protection (Data Rate Approved)								
		33				33.00			
					Total	**33.00**	**252.00**	**No's**	**8316.00**
23	Supplying of Hardware items and fixing charges Engineer in Charge of work (Data Rate Approved)								
		33				33.00			
					Total	**33.00**	**1450.00**	**Each**	**47850.00**
24	CPU - i3 Processer- 450 MHZ, 8Gb Ram, 250Gb Hard Disk Full Core (Date Rate Approved)								
		1				1.00			
					Total	**1.00**	**41564.00**	**No's**	**41564.00**
25	Installation Charges for Camera and NVR Engineer in Charge of work (Date Rate Approved)								
		34				34.00			
					Total	**34.00**	**4050.00**	**Set**	**137700.00**
26	IP Configuration Engineer in Charge of work (Date Rate Approved)								
		34				34.00			
					Total	**34.00**	**3230.00**	**Each**	**109820.00**
27	Supplying Of 42" LED TV Make Samsung/LG/Philips/Videocon (Date Rate Approved)								
		1				1.00			
					Total	**1.00**	**70952.00**	**Each**	**70952.00**
						Total Construction Cost			**2144741.75**
								GST Charges 12%	**257369.01**
								KRIDL Charges 4.5%	**96513.38**

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Sub Total	2498439.13
Miscellaneous and unforseen Charges	1560.87
TOTAL	2500000.00
(Rupees Twenty Five Lakhs Only)	

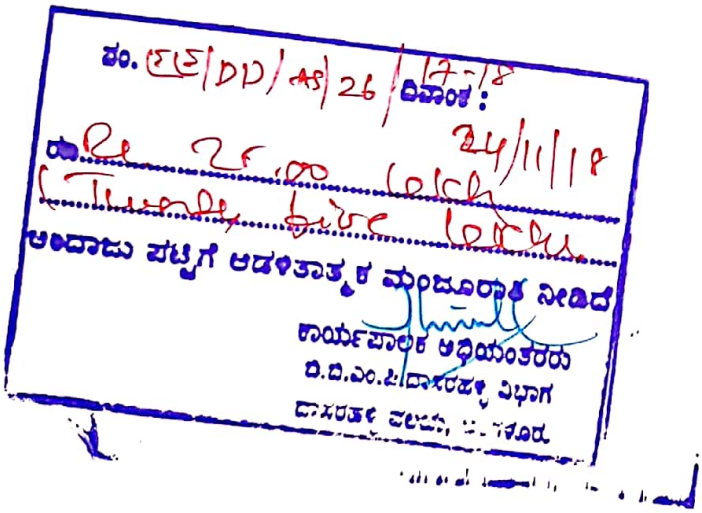
Certificate:

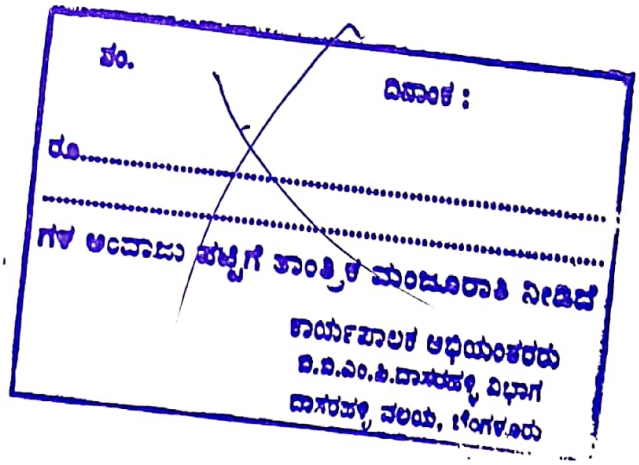
1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The Work is not Split Up
5. This Estimate is Prepared as per KPWD SR for Bangalore Circle Electrical SR 2014-15
6. and DATA Rate Approved and Enclosed in File

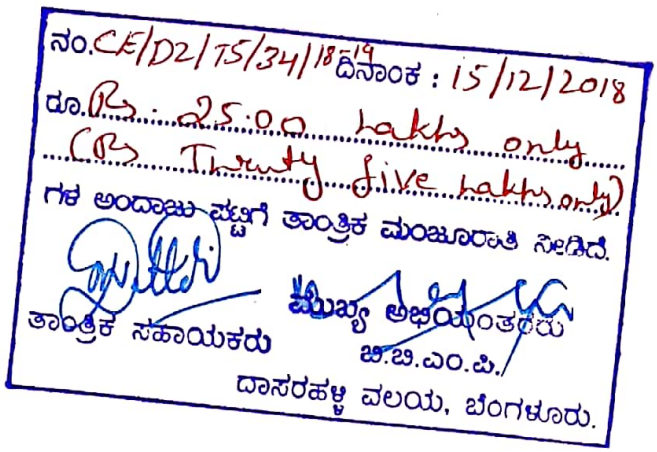
Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone

Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone







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